

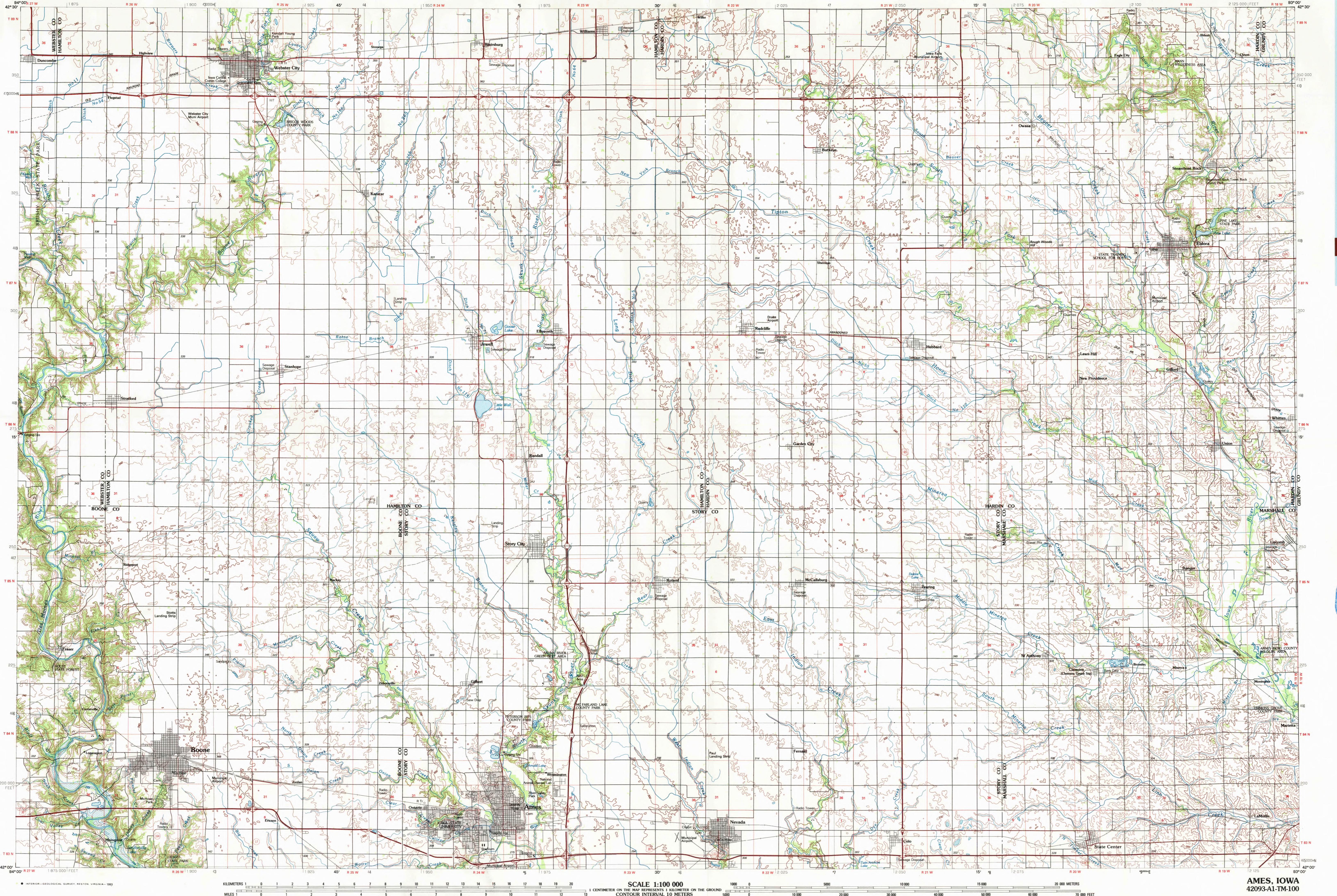
Ames Iowa

100 000-scale *metric* photographic map



K 60 MINUTE SERIES (TOPOGRAPHIC)

AMES, IOWA



duced by the United States Geological Survey
led from USGS 1:24 000-scale topographic
dated 1965-1979. Planimetry revised from
photographs taken 1990 and other source
Revised information not field checked. Map edited 1
ation and 10 000-meter grid, zone 15
al Transverse Mercator

Transverse Mercator
5-degree grid ticks based on Iowa coordinate
system, north zone
North American Datum
The difference between NAD 27 and North American Datum of
(NAD 83) is too small to show at this scale. The
locations of the shift between the datums for 7.5-minute
quadilaterals are given in USGS Bulletin 1875
This map may be private inholdings within the boundaries of
National or State reservations shown on this map.

OUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTHS SHOWN TO THE NEAREST METER

MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

VERSION TABLE		DECLINATION DIAGRAM			ADJOINING MAPS		
s	Feet	GN	MN	3½°	1	2	3
	3.2808				4		5
	6.5617				6	7	8
	9.8425						
	13.1234						
	16.4042						
	19.6850						
	22.9659						
	26.2467						
	29.5276						
	32.8084						
ert meters to feet by 3.2808		0°20' 6 MILS			1 Humboldt 2 Iowa Falls 3 Waverly 4 Carroll 5 Marshalltown 6 Guthrie Center 7 Des Moines 8 Grinnell		
ert feet to meters by 0.3048		UTM grid convergence (GN) and 1993 magnetic declination (MN) at center of map Diagram is approximate					

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VER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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ARCHIVES

Geographic Map Symbols

highway, hard surface.....	
highway, hard surface.....	
road, principal street, hard or improved surface	
l or street; trail.....	
ker: Interstate; U.S.; State	
standard gage; narrow gage.....	
verpass; underpass	
ad; railroad.....	
rea; locality; elevation	
nding field; landing strip.....	
oundary.....	
ndary.....	
ndary.....	
r State reservation boundary.....	
boundary.....	
c lands survey: range, township; section	
wnship; section line; protracted.....	
nsmission line; pipeline	
with lock.....	
building.....	
water well; spring	
it; adit or cave; mine, quarry; gravel pit	
nd; picnic area; U.S. location monument	
f dwelling.....	
surface: strip mine, lava; sand	
index; intermediate; supplementary.....	
ic contours: index; intermediate	
ake; perennial; intermittent	
ge and small; falls, large and small.....	
e submerged; marsh, swamp.....	
ect to controlled inundation; woodland	
ngrove	
ineyard	

pamphlet describing topographic maps is available on request